

PRELIMINARY ASSESSMENT DATA AND SITE CHARACTERISTICS FORM				IDENTIFICATION	
				State: NJ	CERCLIS Number: NJD002171122
				CERCLIS Discovery Date: 6-27-86	
1. General Site Information					
Name: PEERLESS TUBE			Street Address: 58 LOCUST AVENUE		
City: BLOOMFIELD	State: NJ	Zip Code: 07003	County: ESSEX	Cong. Dist:	
Latitude: 40° 47' 9.0"	Longitude: 74° 12' 6.0"	Approx. Area of Site: 4 acres	Status of Site: Active		
2. Owner/Operator Information					
Owner: PEERLESS TUBE			Operator: RICHARD POTTS, V.P.		
Street Address: 58 LOCUST AVENUE			Street Address: 58 LOCUST AVENUE		
City: BLOOMFIELD			City: BLOOMFIELD		
State: NJ	Zip Code: 07003	Telephone: 201-743-5100	State: NJ	Zip Code: 07003	Telephone: 201-743-5100
Type of Ownership: Private			How initially identified: Not Specified		



PRELIMINARY ASSESSMENT DATA AND SITE CHARACTERISTICS FORM		IDENTIFICATION	
		State: NJ	CERCLIS Number: NJD002171122
		CERCLIS Discovery Date: 6-27-86	
3. Site Evaluator Information			
Name of Evaluator: HAYDER CAMARGO		Date Prepared: 8-13-91	
Agency / Organization: NJDEP/DRPSR/BSA		EPA or State Agency Contact: KENNETH J. KLOO	
Street Address: 300 HORIZON CENTER CN 407			
City: TRENTON	State: NJ	Telephone: 609-584-4280	
Emergency Removal Recommendation: No Date:	Recommendation: NFRAP Date: 8-13-91	Signature: Name: HAYDER CAMARGO Position: HSMS 4	

PRELIMINARY ASSESSMENT DATA AND SITE CHARACTERISTICS FORM		IDENTIFICATION	
		State: NJ	CERCLIS Number: NJD002171122
		CERCLIS Discovery Date: 6-27-86	
4. General Site Characteristics			
Predominate Land Uses within 1 mile of Site: Industrial Commercial Residential	Site Setting: Urban	Years of Operation: Beginning Year: 1920 Ending Year: 1991 Unknown	
Type of Site Operations: Manufacturing Other Manufacturing RCRA Small Quantity Generator		Waste Generated: Onsite	
		Waste Deposition Authorized by Present Owner	
		Waste Accessible to Public No	
		Distance to Nearest Dwelling, School, or Workplace: 50 Feet	
5. Waste Characteristics Information			
Source Type: Quantity units Drums 2.500e+02 drums Non-drum containers 1.000e+04 gals		General Types of Waste: Metals Organics Inorganics Solvents Oily Waste	
		Physical State of Waste Deposited Liquid Sludge	

<p align="center">PRELIMINARY ASSESSMENT</p> <p align="center">DATA AND SITE CHARACTERISTICS FORM</p>	IDENTIFICATION	
	State: NJ	CERCLIS Number: NJD002171122
	CERCLIS Discovery Date: 6-27-86	

7. Surface Water Pathway Page 3

Fisheries Located along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: Yes

Secondary Target Fisheries:

Fishery Name	Water Body/Flow(cfs)
PASSAIC RIVER	large river/ >10000
NEWARK BAY	Coastal,ocean,Gr.Lakes

7. Surface Water Pathway Page 4

Wetlands Located along the Surface Water Migration Path: No

Have Primary Target Wetlands Been Identified: No

Secondary Target Wetlands:
None

Other Sensitive Environments along the Surface Water Migration Path: No

Have Primary Target Sensitive Environments Been Identified: No

Secondary Target Sensitive Environments:
None

PRELIMINARY ASSESSMENT		IDENTIFICATION	
DATA AND SITE CHARACTERISTICS FORM		State: NJ	CERCLIS Number: NJDO02171122
		CERCLIS Discovery Date: 6-27-86	
8. Soil Exposure Pathway			
Are People Occupying Residences or Attending School or Day Care on or within 200 feet of the Site: No		Number of Workers Onsite: 1 - 100	
Have Terrestrial Sensitive Environments Been Identified on or within 200 feet of the site: No			
Terrestrial Sensitive Environments: Critical habitat for Federally designated endang/threat species			
9. Air Pathway			
Total Population on/within:		Is there a Suspected Release to Air: No	
Onsite	60	Are there Wetlands within 4 Miles of the Site: No	
0 - 1/4 Mile	1088		
>1/4 - 1/2 Mile	6781	Are there Other Sensitive Environments within 4 miles of the Site: No	
>1/2 - 1 Mile	24115		
>1 - 2 Miles	130818		
>2 - 3 Miles	188181		
>3 - 4 Miles	223249		
Total	574292		
Sensitive Environments within 1/2 Mile of the Site: None			

WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

1 DRUM STORAGE AREA	Drums	WQ value	maximum
Volume	2.50E+02 drums	2.50E+01	2.50E+01
2 1 UST	Non-drum containers	WQ value	maximum
Volume	1.00E+04 gals	2.00E+01	2.00E+01

WQ total 4.50E+01

Waste Characteristics Score: WC = 18

Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	N
Is the source likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	N
Is the waste quantity particularly large? (y/n/u)	N
Is precipitation heavy and filtration rate high? (y/n/u)	N
Is the site located in an area of karst terrain? (y/n)	N
Is the substance highly permeable or conductive? (y/n/u)	N
Is drinking water drawn from a shallow aquifer? (y/n/u)	N
Are suspected contaminants highly mobile in ground water? (y/n/u)	Y
Does any circumstantial evidence of ground water or drinking water contamination exist? (y/n/u)	Y

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for a Suspected Release:

LEAKING UNDERGROUND STORAGE TANK

Ground Water Pathway Criteria List
Primary Targets

Is any drinking water well nearby? (y/n/u)	N
Is any nearby drinking water well closed? (y/n/u)	Y
Has foul-tasting or foul-smelling water been reported by any nearby drinking water well users? (y/n/u)	N
Do any nearby wells have a large drawdown/high production rate? (y/n/u)	N
Are drinking water wells located between the site and other wells that are suspected to be exposed to hazardous substances? (y/n/u)	N
Does any circumstantial evidence of ground water or drinking water contamination exist? (y/n/u)	Y
Does any drinking water well warrant sampling? (y/n/u)	N

Other criteria? (y/n) N

PRIMARY TARGET(S) IDENTIFIED? (y/n) N

Summarize the rationale for identifying Primary Targets:

GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics

Do you suspect a release? (y/n):			Yes	Ref.
Is the site located on a karst terrain? (y/n):			No	
Depth of Aquifer (feet):			20	
Distance to the nearest drinking water well (feet):			5500	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References	
1. SUSPECTED RELEASE	550			
2. NO SUSPECTED RELEASE		0		
LR =		550 0		

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) Y	1077	0	
5. NEAREST WELL	5	0	
6. WELLHEAD PROTECTION AREA(WHPA) None within 4 miles	0	0	
7. RESOURCES	5	0	
T =	1087	0	

Waste Characteristics

WC =

18	0
----	---

Ground Water Pathway Score:

100

Ground Water Target Populations

Primary Target Population Drinking-Water Well ID	Dist. (miles)	Population Served	Reference	Value
None				
Total				

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	0		0
Greater than 1/2 to 1 mile	0		0
Greater than 1 to 2 miles	87420		939
Greater than 2 to 3 miles	1000		7
Greater than 3 to 4 miles	29880		131
Total			1077

Apportionment Documentation for a Blended System

1-2 MILES

MOUNTAINSIDE HOSPITAL	1000
ORANGE	32000
MONTCLAIR/GLEN RIDGE/ CLIFTON/LITTLE FALLS	54420

2-3 MILES

MOUNTAINSIDE HOSPITAL	1000
-----------------------	------

3-4 MILES

UPPER MONTCLAIR COUNTRY CLUB	1000
SOUTH ORANGE	17000
MONTCLAIR	2880
TOTAL	29880

Surface Water Pathway Criteria List
Suspected Release

Is surface water nearby? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	N
Is drainage area large? (y/n/u)	N
Is precipitation heavy or infiltration rate low? (y/n/u)	N
Are sources poorly contained or prone to runoff or flooding? (y/n/u)	N
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	N
Is vegetation stressed along probable runoff path? (y/n/u)	N
Are suspected contaminants highly persistent in surface water? (y/n/u)	N
Are sediments/water unnaturally discolored? (y/n/u)	N
Is wildlife unnaturally absent? (y/n/u)	N
Has deposition of waste into surface water been observed? (y/n/u)	Y
Is ground water discharge to surface water likely? (y/n/u)	Y
Is there any circumstantial evidence of surf.water contamination?(y/n/u)	Y

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for a Suspected Release:

OBSERVED DISCHARGES TO SURFACE WATERS

Surface Water Pathway Criteria List
Primary Targets

Is any target nearby? (y/n/u) If yes: Y
 Drinking water intake
Y Fishery
 Sensitive environment

Has an intake, fishery, or recreational area been closed? (y/n/u) N

Is there any circumstantial evidence of surface water contamination
at or downstream of target? (y/n/u) Y

Does any target warrant sampling? (y/n/u) If yes: N
 Drinking water intake
N Fishery
 Sensitive environment

Other criteria? (y/n) N

PRIMARY INTAKE(S) IDENTIFIED? (y/n)

Summarize the rationale for identifying Primary Intake(s):

continued -----

continued -----

PRIMARY FISHERY IDENTIFIED? (y/n)

Y


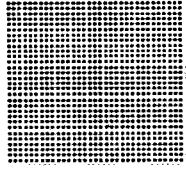
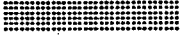
Summarize the rationale for identifying Primary Fishery(ies):

PRIMARY SENSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n)

Summarize the rationale for identifying Primary Sensitive Environment(s):

SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics

Do you suspect a release? (y/n):			Yes	Ref.
Distance to the surface water (feet):			20	
Flood Frequency (years):			>500	
What is downstream distance (miles) to:				
a. the nearest drinking water intake?			16.0	
b. the nearest fishery?			0.0	
c. the nearest sensitive environment?			16.0	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References	
1. SUSPECTED RELEASE	550			
2. NO SUSPECTED RELEASE		0		
LR =	550	0		

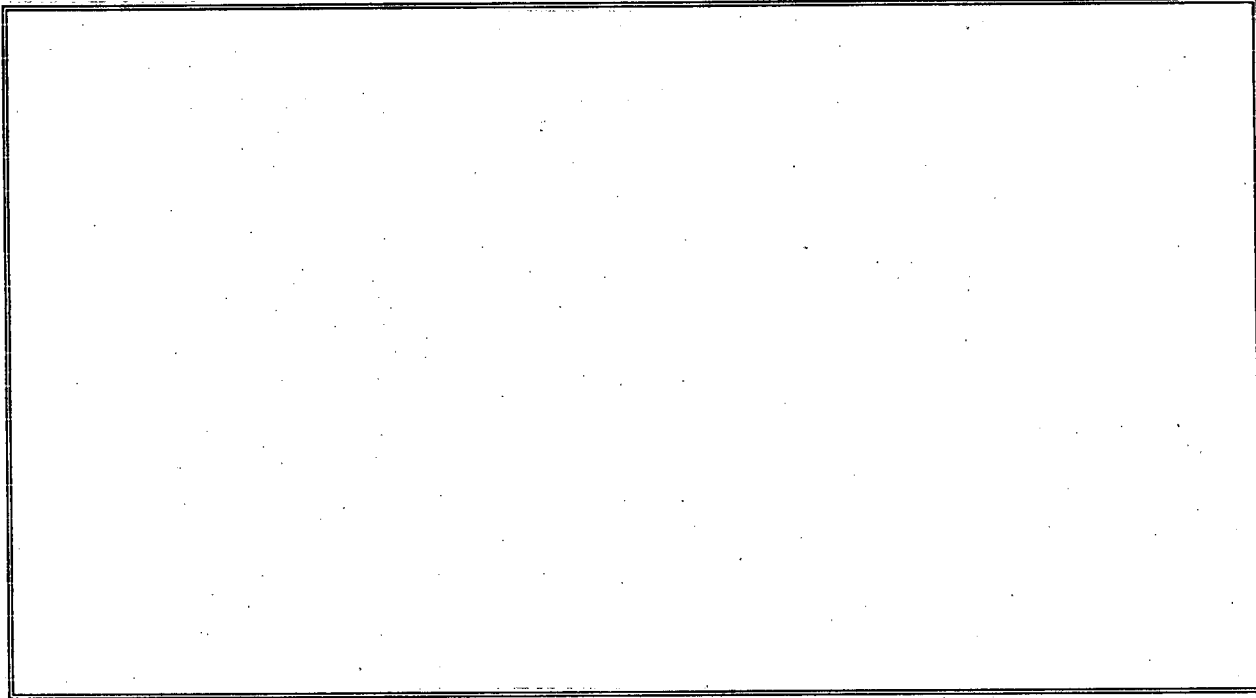
Drinking Water Threat Targets

TARGETS (within 15 mi distance)	Suspected Release	No Suspected Release	References
3. Determine the water body type flows (if applicable), and number of people served by all drinking-water intakes.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): N	0	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	5	0	
T =	5	0	

Drinking Water Intake Target Population

Intake Name	Primary (y/n)	Water Body Type/Flow	Population Served	Ref.	Value
None					
Primary Target Population Total					0
Secondary Target Population Total					0

Apportionment Documentation for a Blended System



Human Food Chain Threat Targets

TARGETS (within 15 mi distance)	Suspected Release	No Suspected Release	References
8. Determine the water body types and flows for all fisheries within the target limit			
9. PRIMARY FISHERIES	300		
10. SECONDARY FISHERIES	0	0	
T =	300	0	

Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref	Value
1 WIGWAM BROOK	Y	minimal stream/ <10		300
2 SECOND RIVER	Y	minimal stream/ <10		300
3 PASSAIC RIVER	N	large river/ >10000		300
4 NEWARK BAY	N	Coastal, ocean, Gr. Lake		300
Primary Fisheries Total				300
Secondary Fisheries Total				0

Environmental Threat Targets

TARGETS (within 15 mi distance)	Suspected Release	No Suspected Release	References
11. Determine the water body types and flows (if applicable) for all sensitive environments.			
12. PRIMARY SENSITIVE ENVIRONMENTS	0		
13. SECOND. SENSITIVE ENVIRONMENTS	0	0	
T =	0	0	

Environment Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
None				
Primary Sensitive Environments Total				0
Secondary Sensitive Environments Total				0

Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Target(T) Score	Pathway Waste Characteristics (WC) Score	Threat Score $LR \times T \times WC / 82,500$
Drinking Water	550	5.00E+00	32	1
Human Food Chain	550	3.00E+02	32	64
Environmental	550	0.00E+00	32	0

Surface Water Pathway Score:

65

Soil Exposure Pathway Criteria List
Resident Population

Are there residences, schools, or day care facilities
on or within 200 feet of areas of suspected contamination? (y/n/u) N

Are residences, schools, or day care facilities located on adjacent
land previously owned or leased by the site owner/operator? (y/n/u) N

Is there an overland migration route that might spread hazardous
substances near residences, schools, or day care facilities? (y/n/u) N

Are there any reports of adverse health effects from onsite or
adjacent residences or students, exclusive of apparent drinking water
or air contamination problems? (y/n/u) N

Does any offsite property warrant sampling? (y/n/u) N

Other criteria? (y/n) N

RESIDENT POPULATION IDENTIFIED? (y/n) N

Summarize the rationale for identifying Resident Population:

SOIL EXPOSURE PATHWAY SCORESHEETS

Pathway Characteristics

	Ref.
Do any people live on or within 200 ft of areas of suspected contamination? (y/n) No	
Do any people attend school or day care on or within 200 ft of areas of suspected contamination? (y/n) No	
Is the facility active? (y/n): Yes	

LIKELIHOOD OF EXPOSURE	Suspected Contamination	References
1. SUSPECTED CONTAMINATION LE =	550	

Targets

2. RESIDENT POPULATION 0 resident(s) 0 school/day care students	0	
3. RESIDENT INDIVIDUAL	0	
4. WORKERS 1 - 100 nearby	5	
5. TERRES. SENSITIVE ENVIRONMENTS	0	
6. RESOURCES	5	
T =	10	

Waste Characteristics

WC = 18

Resident Population Threat Score:

1

Nearby Population Threat Score:

2

Population within 1 Mile: 10,001 - 50,000

Soil Exposure Pathway Score:

3

PA-Score 0.3 Scoresheets
PEERLESS TUBE

Page: 18

Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		

Air Pathway Criteria List
Suspected Release

Have odors been reported? (y/n/u)	Y
Has a release of hazardous substances to the air been directly observed? (y/n/u)	N
Are there any reports of adverse health effects (e.g., headaches, nausea, dizziness) potentially resulting from migration of hazardous substances through the air? (y/n/u)	N
Is there any circumstantial evidence of air release? (y/n/u)	N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for a Suspected Release:

AIR PATHWAY SCORESHEETS

Pathway Characteristics

Do you suspect a release? (y/n):			No	Ref.
Distance to the nearest individual (feet):			50	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References	
1. SUSPECTED RELEASE	0			
2. NO SUSPECTED RELEASE		500		
LR =	0	500		

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	244	
5. NEAREST INDIVIDUAL	0	20	
6. PRI. SENSITIVE ENVIRONMENTS	0		
7. SEC. SENSITIVE ENVIRONMENTS	0	0	
8. RESOURCES	0	5	
T =	0	269	

Waste Characteristics

WC =

0	18
---	----

Air Pathway Score:

29

Air Pathway Secondary Target Populations

Distance from Nearest Source	Population	References	Value
Onsite	60	1	5
Greater than 0 to 1/4 mile	1088		41
Greater than 1/4 to 1/2 mile	6781		28
Greater than 1/2 to 1 mile	24115		26
Greater than 1 to 2 miles	130818		83
Greater than 2 to 3 miles	188181		38
Greater than 3 to 4 miles	223249		23
Total Secondary Population Value			244

Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
None			
Total Secondary Sensitive Environments Value			

PA-Score 0.3 Scoresheets
PEERLESS TUBE

Page: 23

SITE SCORE CALCULATION

	SCORE
GROUND WATER PATHWAY SCORE:	100
SURFACE WATER PATHWAY SCORE:	65
SOIL EXPOSURE PATHWAY SCORE:	3
AIR PATHWAY SCORE:	29
SITE SCORE:	61

RECOMMENDATION

Soil and groundwater samples collected by the NJDEP, DRPSR, BSA on November 2, 1990 revealed volatile organic contamination. No further action under CERCLA is required at this time as this is to be transferred to the DRPSR, Bureau of State Case Mangement.

SUMMARY

1. Is there a high possibility of a threat to nearby drinking water wells by migration of hazardous substances in ground water? No

If yes, identify the wells recommended for sampling during the SI

If yes, how many people are served by these threatened wells? 0

2. Are any of the following suspected to have been exposed to hazardous substances through surface water migration from the site?

- A. Drinking water intakes No
B. Fishery No
C. Sensitive environment: wetland, critical habitat, others No

If yes, identity the targets recommended for sampling during the SI

3. Do people reside or attend school or day care on or within 200 ft of any area of suspected contamination? No

4. Are there public health concerns at this site that are not addressed by PA scoring considerations? No

If yes, explain:

REFERENCES
PEERLESS TUBE

1. GEMS DATA

SEVERITY INDEX SCORE SHEET

Site Name : PEERLESS TUBE
 Alias : _____
 Address : 58 LOCUST STREET
 City : BLOOMFIELD
 County : ESSEX
 Municipality Code : 0702
 EPA ID # : MSD002171122 SIN Number: 2
 DEP Case # : _____ (0=No SIN, 1-9=SIN evaluations)
 Latitude (dd-mm-ss) : 40 N 47' 09"
 Longitude (dd-mm-ss) : 74 W 12' 06"
 Master List Status : C (A = Publicly funded or recalcitrant RP funding
 B = Potential Master List site
 C = Not publicly funded)

WASTE CHARACTERISTICS

Individual Waste Characteristic Scores: Data Quality

Toxicity and Persistence : 12 (trichloroethene) A
 Waste Quantity : 2 B
 Containment : 0 B

WASTE CHARACTERISTIC TOTAL = 0.0

EXPOSURE POTENTIAL

Population Density/Sensitive Environment : 3

Individual Exposure Media Scores: Observed?(Y/N) Data Quality

Groundwater	<u>2</u>	<u>Y</u>	<u>A</u>
Surface Water	<u>2</u>	<u>Y</u>	<u>B</u>
Air	<u>4</u>	<u>N</u>	<u>B</u>
Soil	<u>3</u>	<u>Y</u>	<u>A</u>
Fire/Explosion	<u>0</u>	<u>N</u>	<u>B</u>
Direct Contact	<u>0</u>	<u>N</u>	<u>B</u>

EXPOSURE POTENTIAL = 54.0

TOTAL SCORE = 0.0

Comments on this site:

SAMPLING by NSDEP, DRPSR, BSA revealed
volatile organic contamination in soil samples
collected along the site's northern border

Site remediation activities:

Is there a partial remedial action that
should occur at this site on an immediate basis ? NO

Has there been a prior remedial action
that addresses the problems evaluated ? NO

Is this an operating facility ? YES

Is the owner known ? YES

If not, does a PRP exist ? _____

Is public funding anticipated to achieve cleanup ? NO

What program currently has the lead for this site ?

DHSM _____ BFO _____ RCRA _____ ECRA _____
SW Eng. _____ BPA _____ Emerg. Resp. _____ NJPDES _____
EPA _____ BCM _____ DWR Enf. _____ DEQ Enf. _____
Other (Specify) BUST

If in a regulatory program, what status is the permit?

Pre-application _____
Issued _____

Application _____
Other (specify) _____

Site assignment:

(Program options: DHSM, BFO, BCM,
RCRA, ECRA, SW ENG., BSA, ER, NJPDES,
EPA, DWR ENF., DEQ ENF. or OTHER.)

Site status:

Date : 10/25/91 Evaluator : H. CAMARGO

**BUREAU OF SITE ASSESSMENT
FILE/DATA CHECK LIST**

Agency	Phone No.	Contact	Date	File Y/N Reviewed Y/N
--------	-----------	---------	------	--------------------------

NJDEP/DPFSR

Groundwater Quality Element

A. Central File	(609)292-0400			
B. Regional Enforcement Office	201-669-3900	STAFF	7/2/91	FILE REVIEWED
C. Groundwater Pollution Abatement	(609)292-8427			
D. Groundwater Discharge Control	(609)292-0424			
E. Other BUST	609-984-3156	DOUG BERRY	7/5/91	FILE REVIEWED

Haz. Site Science Element

A. Central File	(609)292-3230
B. Env. Evaluation and Risk Assessment	(609)633-7413
C. Site Management	(609)984-2900
D. Env. Measurements & Quality Assurance	(609)633-0752
E. Other	-----

NJDEP/DER

A. Ind. Discharge Permit (NJPDES Permits)	(609)292-4860
B. Tidlands (aerial photos)	(609)633-7369

NJDEP/DRPSR

A. Regional Enforcement Office	201-669-3960	STAFF	7/2/91	FILE REVIEWED
B. Federal/State Case Mgt.	(609)633-1455	STAFF	7/2/91	NO FILE
C. ECRA	(609)633-7141	STAFF	7/2/91	NO FILE
D. Haz. Waste Eng.	(609)292-9880			
E. Other	-----			

Agency	Phone No.	Contact	Date	File Y/N Reviewed Y/N
<u>NJDEP/DEQ</u>				
A. Regional Enforcement Office	201-669-3935	STAFF	7/2/91	FILE REVIEWED
B. Office of Quality Assurance	(609) 292-3950			
C. Right To Know	(609) 292-6714			

NJDEP/DSWM

A. File Room	(609) 292-0112
B. Enforcement Office	(609) 584-4180
C. Solid Waste Eng.	(609) 530-8008

OTHER NJDEP

A. Div. of Law	(609) 984-3900
B. Div. of Science and Research	(609) 984-6070
C. Div. of Fish & Game	-----
E. Other	-----

NJ Dept. of Health	-----
NJDEP Information Resource Center	(609) 984-2249
USEPA Response and Prevention Branch	(201) 321-6658

Local Authorities			
A. Health Officer	201-743-4400	Gloria Shorter	FILE REVIEWED
B. Tax Assessor or Town Clerk	-----		
C. Other (Fire, Police, Public Works, etc.)	FIRE DEPARTMENT 201-743-4400	STAFF	NO FILE

Other Agencies	-----
----------------	-------